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(54) Title: USE OF 2,5-DIHYDROXYBENZENESULFONIC COMPOUNDS FOR THE TREATMENT OF DISORDERS BASED ON AN IMPAIRMENT OF NO PRODUCTION AND/OR OF REGULATION OF EDHF FUNCTION

$$\begin{bmatrix} & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & \\ & & \\ & & \\ & \\ & & \\ & \\ & & \\ & \\ & \\ & & \\ & \\ & & \\ & \\ &$$

(57) Abstract: The present invention relates to the use of 2,5-dihydroxybenzenesulfonic compounds for the manufacture of medical ment for the regulation of nitric oxide (NO) synthesis and/or the regulation of EDHF (Endothelium-derived-Hyperpolarizing-Factor) in the endothelium of humans or animals, whereby the medicament is administerd in a daily dose of the 2,5-dihydroxybenzenesulfonic compounds of formula I of < 500 mg.